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ABSTRACT

This monograph presents the computer printout of an analysis of data on international cooperation over a three-year period. Part of a large scale research project to test various theories with regard to their power in analyzing international relations, this monograph presents data on the application of discriminant function analysis of combined 'underdog'/'topdog' behavior among nations (UT actors) in light of relative status field theory. The objective was to determine whether any two nations or any group of nations shared the same cooperation export profiles. To provide this information, all nations were rank sorted in terms of clusters that developed with regard to variables including domestic violence, population density, economic development, political stability, and power base. Field theory maintains that international relations consists of all the attributes and interactions of nations, can be analytically divided into attributes and behavior, and exhibits dyad formations (interactions between two nations) in matters of behavior. Relative status field theory presents a break with the status field theory approach in that it argues that status relationships ought to be treated in relative terms. Field theory was applied to a single index for the three year period in question--the WEIS conflict data (World Event Interaction Survey), which was created using the "New York Times" as a data source. The method involved assigning a negative or positive parameter weight on each predictive factor (such as economic development) which indicated the kind of behavior engaged in by that nation relative to other states. Nations were then assigned a status--a combination of 'underdog'/'topdog' in this analysis. Approximately 30 nations were assigned a UT Actors status. Findings are based on a significance level of .05 or less. Policy implications of each finding are discussed. (DB)

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ATTRIBUTES AND NATIONAL BEHAVIOR, PART 2: MODERN INTERNATIONAL RELATIONS MONOGRAPH SERIES.
PATTERNS OF COOPERATION: RELATIVE STATUS-FIELD THEORY, UT ACTORS

ED194390

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TAPE SPECS ARE: 9 TRACK, 800 BPI, EBCDIC, 132 CHARACTER RECORDS, 2400 FEET.

NOTE! SINCE THE CODEBOOK WAS PUBLISHED, MONOGRAPHS 1-6, 10, 27 AND 39 HAVE BEEN FURTHER EDITED, REDUNDANCY REMOVED AND GATHERED TOGETHER UNDER THE TITLE OF: PROJECT THEORY: INTERPRETATIONS AND POLICY RELEVANCE. THIS COLECTION MAY BE FOUND IN FILE 8. SINCE IT IS UPDATED, IT IS RECOMENDED THAT THIS FILE BE USED INSTEAD OF THE ORIGINAL MATERIALS IN THE APPROPRIATE CASES. IN THE CASE OF THE OTHER FILES, THEY RETAIN THE ORIGINAL BUILT-IN REDUNDANCY.

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PATTERNS OF COOPERATION: RELATIVE STATUS-FIELD THEORY, UT ACTORS

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THE ANALYSIS THAT FOLLOWS IS A COMPONENT OF A LARGER RESEARCH EFFORT THE PURPOSE OF WHICH IS TO TEST ATTRIBUTE THEORY (RUMMEL, 1969A), SOCIAL FIELD THEORY (RUMMEL, 1969A), DISTANCE THEORY (VINCENT, 1975), AND RELATIVE STATUS-FIELD THEORY, TREATING RELATIVE T = TOPDOG AND U = UNDERDOG BEHAVIOR IN THE INTERNATIONAL SYSTEM (VINCENT, 1976). ALL THEORIES ARE TESTED ON THE SAME, 1966-69, WEIS (AGGREGATED) DATA.

FULL TECHNICAL TREATMENT OF THE THEORIES AND METHODS IS GIVEN ELSEWHERE AND WILL NOT BE REPEATED HERE. THAT IS, DETAILS, SUCH AS THE CONSTRUCTION OF A-SPACE (ATTRIBUTE SPACE) OR D-SPACE (DISTANCE SPACE), ETC. CAN BE OBTAINED FROM THE RELEVANT BIBLIGRAPHIC ENTRIES. ELABORATE TECHNICAL DISCUSIONS, HOWEVER, ARE NOT REALLY NECESSARY TO UNDERSTAND OR USE THE RESULTS GENERATED HERE. IT SHOULD BE CLEAR, HOWEVER, THAT ALL OF THE INDEPENDENT VARIABLES TREATED, SUCH AS ECONOMIC DEVELOPMENT, ARE >FACTORS>, THAT IS, COMPOSITE INDEXES GENERATED OUT OF A NUMBER OF RELATED VARIABLES, USING THE TECHNIQUE OF FACTOR ANALYSIS.

WHEN THE THEORIES ARE APPLIED, EACH NATION RECIEVES A NEGATIVE OR POSITIVE PARAMETER WEIGHT ON EACH PREDICTIVE FACTOR, SUCH AS ECONOMIC DEVELOPMENT, WHICH INDICATES THE KIND OF BEHAVIORAL EXPORTATION ENGAGED IN BY THAT STATE RELATIVE TO OTHER STATES.

THE ANALYSIS PRESENTED HERE INDICATES THE RESULTS THAT OCCUR WHEN + TYPE NATION EXPORTERS ARE COMPARED TO - TYPE NATION EXPORTERS IN TERMS OF SIMILARITY OF MODEL AND ATTRIBUTE TYPE.

THIS WILL BE ACCOMPLISHED BY TWO MODES OF ANALYSIS.

THE FIRST MODE WILL BE TO PERFORM A FACTOR ANALYSIS ON THE WEIGHTS OF THE NATIONS ACROSS THE PREDICTOR DIMENSIONS. THE SECOND WILL BE TO CORRELATE THE FACTOR SCORES OF A-SPACE WITH THE FACTOR SCORES GENERATED FROM THE ANALYSIS OF THE WEIGHTS.

THESE MODES OF ANALYSIS WILL SHOW HOW CONFLICT EXPORT PATTERNS CLUSTER, HOW NATIONS ARE, IN FACT, LOCATED ON SUCH CLUSTERS AND REVEAL CHARACTERISTICS OF + VS. - WEIGHT NATIONS.

THE RESULTS FOLLOW:

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RELATIVE STATUS FIELD THEORY, UT, COOPERATION

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 1

02 POWER BASE,FAR BELOW
.74
12 LARGE GNP GROWTH RATE,ABOVE
-.63
07 SMALL CHRISTIAN COMMUNITY,ABOVE
-.83

THESE I'S ARE:

VARIABLE NUMBER 1

33 ETHIOPIA
1.91
49 IRAN
1.78
100 TUNISIA
1.59

48 INDONESIA

1.53

93 SUDAN

1.45

104 U.A.R.

1.40

101 TURKEY

.98

126 MALAYSIA

.96

76 NIGERIA

.83

78 PAKISTAN

.76

65 MALAGASY REP

.70

111 SOUTH VIETNAM

.66

97 THAILAND

.53

82 PHILIPPINES

.36

122 KENYA

.27

70 MOROCCO

.04

120 TANZANIA

.01

THEY TEND TO HAVE THE CHARACTERISTICS OF:

LOW ECONOMIC DEVELOPMENT,SMALL POWER BASE,
SMALL CHRISTIAN COMMUNITY

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH
COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 1

02 POWER BASE,CLOSE BELOW

.74

12 LARGE GNP GROWTH RATE,BELOW

-.63

07 SMALL CHRISTIAN COMMUNITY,BELOW

-.83

THESE I'S ARE:

4 ARGENTINA

-.01

20 CHINA, PR

-.02

59 SOUTH KOREA

-.06

113 YUGOSLAVIA

-.15

23 CONGO (LEO)

-.19

92 SPAIN

-.20

47 INDIA

-.32

68 MEXICO

-.36

58 NORTH KOREA

-.45

56 JAPAN

-.48

9 BRAZIL

-.61

125 GUYANA

-.68

85 ROMANIA

-.69

110 NORTH VIETNAM

-.75

38 WEST GERMANY

-.88

17 CEYLON

-.91

103 U.S.S.R
-1.02
35 FRANCE
-1.02
53 ITALY
-1.55
83 POLAND
-1.57
21 COLOMBIA
-1.63
91 SOUTH AFRICA
-2.22

THEY TEND TO HAVE THE CHARACTERISTICS OF:
HIGH ECONOMIC DEVELOPMENT, LARGE POWER BASE,
LARGE CHRISTIAN COMMUNITY

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH
COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 2

11 FEW MILITARY PERSONNEL PER CAPITA,BELOW
.88
14 HIGH PER CAPITA SCHOOL ENROLLMENT,ABOVE
-.50

THESE I'S ARE:

VARIABLE NUMBER 2

93 SUDAN
1.77
17 CEYLON
1.21
78 PAKISTAN
1.17
104 U.A.R.
1.15
110 NORTH VIETNAM
.87
59 SOUTH KOREA
.61
58 NORTH KOREA
.73
68 MEXICO
.67
20 CHINA, PR
.64
101 TURKEY
.62
65 MALAGASY REP

.61

49 IRAN

.60

85 ROMANIA

.54

35 FRANCE

.51

103 U.S.S.R

.47

38 WEST GERMANY

.46

82 PHILIPPINES

.45

111 SOUTH VIETNAM

.45

97 THAILAND

.43

126 MALAYSIA

.32

56 JAPAN

.21

83 POLAND

.17

70 MOROCCO

.04

92 SPAIN

.02

THEY TEND TO HAVE THE CHARACTERISTICS OF:

LARGE POWER BASE

LARGE POPULATION DENSITY, HIGH ENERGY PRODUCTION,

FEW EXECUTIVE ADJUSTMENTS

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 2

11 FEW MILITARY PERSONNEL PER CAPITA,ABOVE

.88

14 HIGH PER CAPITA SCHOOL ENROLLMENT,BELOW

-.50

THESE I'S ARE:

113 YUGOSLAVIA

-.00

9 BRAZIL

-.14

47 INDIA

-.17

91 SOUTH AFRICA

-.35

.11

78 PAKISTAN

.09

THEY TEND TO HAVE THE CHARACTERISTICS OF:
HIGH POWER BASE, LITTLE POLITICAL INSTABILITY,
FEW ELECTIONS

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH
COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 3

12 LARGE GNP GROWTH RATE,ABOVE

.51

03 POLITICAL INSTABILITY,BELOW

-.71

19 FEW EXECUTIVE ADJUSTMENTS,BELOW

-.84

THESE I'S ARE:

92 SPAIN

-.02

122 KENYA

-.04

35 FRANCE

1.25

20 CHINA, PR

.98

4 ARGENTINA

.80

17 CEYLON

.78

47 INDIA

.73

21 COLOMBIA

.62

125 GUYANA

.53

56 JAPAN

.44

100 TUNISIA

.36

68 MEXICO

.36

59 SOUTH KOREA

.26

120 TANZANIA

.25

9 BRAZIL

.16

103 U.S.S.R

SMALL POPULATION DENSITY, LOW ENERGY PRODUCTION,
FEW EXECUTIVE ADJUSTMENTS

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 3

12 LARGE GNP GROWTH RATE,BELOW
.51
05 POLITICAL INSTABILITY,ABOVE
-.71
19 FEW EXECUTIVE ADJUSTMENTS,ABOVE
-.84

THESE I'S ARE:

VARIABLE NUMBER 3

48 INDONESIA
2.69
82 PHILIPPINES
2.40
97 THAILAND
2.08
49 IRAN

125 GUYANA

-.41

4 ARGENTINA

-.41

76 NIGERIA

-.48

48 INDONESIA

-.67

21 COLOMBIA

-.81

53 ITALY

-.88

33 ETHIOPIA

-1.30

100 TUNISIA

-2.17

23 CONGO (LEO)

-2.21

120 TANZANIA

-2.41

122 KENYA

-2.53

THEY TEND TO HAVE THE CHARACTERISTICS OF:

SMALL POWER BASE,

-.10

38 WEST GERMANY

-.13

91 SOUTH AFRICA

-.20

110 NORTH VIETNAM

-.27

58 NORTH KOREA

-.32

70 MOROCCO

-.45

113 YUGOSLAVIA

-.57

83 POLAND

-.59

104 U.A.R.

-.64

53 ITALY

-.69

101 TURKEY

-.77

93 SUDAN

-.90

23 CONGO (LEO)

-.94

85 ROMANIA

-1.00

33 ETHIOPIA

-1.15

111 SOUTH VIETNAM

-1.34

65 MALAGASY REP

-1.37

126 MALAYSIA

-1.47

76 NIGERIA

-1.92

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LOW POWER BASE, POLITICAL INSTABILITY, MANY ELECTIONS

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 4

17 MANY ELECTIONS,BELOW

.79

15 HIGH PER CAPITA INTERNAL SECURITY FORCE,BELOW

.75

THESE I'S ARE:

VARIABLE NUMBER 4

58 NORTH KOREA
2.34

49 IRAN
1.84

76 NIGERIA
1.47

4 ARGENTINA
1.28

92 SPAIN
1.12

48 INDONESIA
.94

91 SOUTH AFRICA
.92

125 GUYANA
.80

126 MALAYSIA
.70

53 ITALY
.63

68 MEXICO
.58

104 U.A.R.

.57

35 FRANCE

.57

122 KENYA

.49

65 MALAGASY REP

.42

56 JAPAN

.40

120 TANZANIA

.28

111 SOUTH VIETNAM

.08

THEY TEND TO HAVE THE CHARACTERISTICS OF:

SMALL HEALTH EXPENDITURE AS % OF GNP

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 4

17 MANY ELECTIONS,ABOVE

.79

15 HIGH PER CAPITA INTERNAL SECURITY FORCE,ABOVE

.75

THESE I'S ARE:

97 THAILAND
-.00
103 U.S.S.R
-.02
85 ROMANIA
-.03
82 PHILIPPINES
-.06
83 POLAND
-.11
78 PAKISTAN
-.15
9 BRAZIL
-.25
47 INDIA
-.27
93 SUDAN
-.32
38 WEST GERMANY
-.32
21 COLOMBIA
-.50
23 CONGO (LEO)

-.64

33 ETHIOPIA

-.97

101 TURKEY

-1.06

113 YUGOSLAVIA

-1.16

110 NORTH VIETNAM

-1.23

59 SOUTH KOREA

-1.34

70 MOROCCO

-1.45

20 CHINA, PR

-1.68

17 CEYLON

-1.88

100 TUNISIA

-1.99

THEY TEND TO HAVE THE CHARACTERISTICS OF:

LARGE HEALTH EXPENDITURE AS % OF GNP

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 5

06 SMALL POPULATION DENSITY,BELOW
.79
21 LITTLE ETHNO-LINGUISTIC FRACTIONALIZATION,BELOW
.55
18 HIGH RATIO OF BLACK MARKET TO OFFICIAL EXCHANGE,ABOVE
-.77

THESE I'S ARE:

VARIABLE NUMBER 5

122 KENYA
1.62
120 TANZANIA
1.39
59 SOUTH KOREA
1.25
110 NORTH VIETNAM
1.18
85 ROMANIA
1.18
113 YUGOSLAVIA
1.18
76 NIGERIA

1.17

101 TURKEY

1.04

126 MALAYSIA

.92

92 SPAIN

.81

17 CEYLON

.77

111 SOUTH VIETNAM

.75

97 THAILAND

.59

58 NORTH KOREA

.58

82 PHILIPPINES

.58

65 MALAGASY REP

.47

83 POLAND

.29

21 COLOMBIA

.25

48 INDONESIA

.21

100 TUNISIA

.15

4 ARGENTINA

.07

THEY TEND TO HAVE THE CHARACTERISTICS OF:
SMALL POPULATION DENSITY, RECENT NATIONAL INDEPENDENCE,
HIGH PER CAPITA SCHOOL ENROLLMENT, MANY ELECTIONS

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH
COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 5

06 SMALL POPULATION DENSITY,ABOVE

.79

21 LITTLE ETHNO-LINGUISTIC FRACTIONALIZATION,ABOVE

.55

18 HIGH RATIO OF BLACK MARKET TO OFFICIAL EXCHANGE,BELOW

-.77

THESE I'S ARE:

20 CHINA, PR

-.09

78 PAKISTAN

-.19

125 GUYANA

-.21

47 INDIA

-.30

104 U.A.R.

-.36

91 SOUTH AFRICA

-.39

38 WEST GERMANY

-.60

68 MEXICO

-.67

93 SUDAN

-.86

103 U.S.S.R

-.94

49 IRAN

-1.19

23 CONGO (LEO)

-1.22

53 ITALY

-1.24

35 FRANCE

-1.32

56 JAPAN

-1.35

9 BRAZIL

-1.42

70 MOROCCO

-1.45

33 ETHIOPIA

-2.66

THEY TEND TO HAVE THE CHARACTERISTICS OF:
SMALL POPULATION DENSITY, LONG NATIONAL INDEPENDENCE
LOW PER CAPITA SCHOOL ENROLLMENT, FEW ELECTIONS

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH
COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 6

10 LARGE GNP GROWTH RATE AT FIXED PRICES,BELOW

.79

09 LITTLE DOMESTIC VIOLENCE,ABOVE

-.62

05 SMALL POPULATION GROWTH RATE,ABOVE

-.77

THESE I'S ARE:

VARIABLE NUMBER 6

113 YUGOSLAVIA
2.23
4 ARGENTINA
2.10
83 POLAND
1.67
33 ETHIOPIA
1.51
103 U.S.S.R
1.24
38 WEST GERMANY
.99
101 TURKEY
.94
20 CHINA, PR
.92
92 SPAIN
.92
85 ROMANIA
.85
78 PAKISTAN
.77
120 TANZANIA
.67
122 KENYA

.53

47 INDIA

.39

68 MEXICO

.27

91 SOUTH AFRICA

.16

9 BRAZIL

.12

49 IRAN

.03

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LARGE POWER BASE, SMALL POPULATION GROWTH RATE, SMALL POPULATION DENSITY, SMALL GNP GROWTH RATE AT FIXED PRICES,
LOW PER CAPITA INTERNAL SECURITY FORCE

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 6

10 LARGE GNP GROWTH RATE AT FIXED PRICES,ABOVE

.79

09 LITTLE DOMESTIC VIOLENCE,BELOW

-.62

05 SMALL POPULATION GROWTH RATE,BELOW

-43

-.77

THESE I'S ARE:

48 INDONESIA

-.03

93 SUDAN

-.12

58 NORTH KOREA

-.15

56 JAPAN

-.27

35 FRANCE

-.48

59 SOUTH KOREA

-.50

23 CONGO (LEO)

-.54

82 PHILIPPINES

-.55

76 NIGERIA

-.69

17 CEYLON

-.72

111 SOUTH VIETNAM

-.73

97 THAILAND

-.81

70 MOROCCO

-.85

104 U.A.R.

-.87

65 MALAGASY REP

-1.01

125 GUYANA

-1.06

110 NORTH VIETNAM

-1.08

126 MALAYSIA

-1.08

100 TUNISIA

-1.14

53 ITALY

-1.68

21 COLOMBIA

-1.95

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LOW POWER BASE, LARGE POPULATION DENSITY, LARGE POPULATION DENSITY,
LARGE GNP GROWTH RATE AT FIXED PRICES, HIGH PER CAPITA INTERNAL

SECURITY FORCE

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 7

01 ECONOMIC DEVELOPMENT,CLOSE ABOVE
.70
16 HIGH ENERGY PRODUCTION,BELOW
.52
13 SMALL HEALTH EXPENDITURE AS PERCENT OF GNP,ABOVE
-.79

THESE I'S ARE:

VARIABLE NUMBER 7

91 SOUTH AFRICA
2.29
4 ARGENTINA
1.88
110 NORTH VIETNAM
1.63
70 MOROCCO
1.56

59 SOUTH KOREA
1.49
23 CONGO (LEO)
1.36
76 NIGERIA
1.06
97 THAILAND
1.05
49 IRAN
.87
17 CEYLON
.81
101 TURKEY
.56
82 PHILIPPINES
.50
53 ETHIOPIA
.37
35 FRANCE
.27
122 KENYA
.23
120 TANZANIA
.20
93 SUDAN
.09

103 U.S.S.R

.06

THEY TEND TO HAVE THE CHARACTERISTICS OF:

SMALL GNP GROWTH RATE, MUCH

ETHNO-LINGUISTIC FRACTIONALZATION

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 7

01 ECONOMIC DEVELOPMENT,FAR ABOVE

.70

16 HIGH ENERGY PRODUCTION,ABOVE

.52

13 SMALL HEALTH EXPENDITURE AS PERCENT OF GNP,BELOW

-.79

THESE I'S ARE:

92 SPAIN

-.06

65 MALAGASY REP

-.20

104 U.A.R.

-.27

9 BRAZIL

-.33

58 NORTH KOREA

-.34

38 WEST GERMANY

-.45

126 MALAYSIA

-.46

56 JAPAN

-.48

47 INDIA

-.49

111 SOUTH VIETNAM

-.70

68 MEXICO

-.78

113 YUGOSLAVIA

-.80

83 POLAND

-.99

48 INDONESIA

-1.03

20 CHINA, PR

-1.12

21 COLOMBIA

-1.18

78 PAKISTAN
-1.20
100 TUNISIA
-1.28
53 ITALY
-1.30
125 GUYANA
-1.33
85 ROMANIA
-1.51

THEY TEND TO HAVE THE CHARACTERISTICS OF:
LARGE GNP GROWTH RATE,
LITTLE ETHNO-LINGUISTIC FRACTIONALIZATION

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 8

20 LOW CRUDE DEATH RATE,BELOW
.73
22 NEW CURRENCY,BELOW
.72

THESE I'S ARE:

VARIABLE NUMBER 8

56 JAPAN
1.79
122 KENYA
1.67
47 INDIA
1.62
76 NIGERIA
1.44
103 U.S.S.R
1.40
78 PAKISTAN
1.23
9 BRAZIL
1.23
93 SUDAN
1.23
120 TANZANIA
1.15
68 MEXICO
1.12
59 SOUTH KOREA
.60

20 CHINA, PR

.44

23 CONGO (LEO)

.42

38 WEST GERMANY

.27

70 MOROCCO

.16

17 CEYLON

.15

58 NORTH KOREA

.12

35 FRANCE

.06

65 MALAGASY REP

.03

THEY TEND TO HAVE THE CHARACTERISTICS OF:

RECENT NATIONAL INDEPENDENCE

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 8

20 LOW CRUDE DEATH RATE,ABOVE

.73

22 NEW CURRENCY,ABOVE
.72

THESE I'S ARE:

100 TUNISIA
-.06
92 SPAIN
-.12
110 NORTH VIETNAM
-.16
126 MALAYSIA
-.16
49 IRAN
-.19
48 INDONESIA
-.43
101 TURKEY
-.62
97 THAILAND
-.69
83 POLAND
-.85
113 YUGOSLAVIA
-.86
82 PHILIPPINES

-.88

53 ITALY

-.94

111 SOUTH VIETNAM

-.98

125 GUYANA

-1.02

91 SOUTH AFRICA

-1.08

104 U.A.R.

-1.08

85 ROMANIA

-1.19

21 COLOMBIA

-1.20

4 ARGENTINA

-1.55

33 ETHIOPIA

-2.09

THEY TEND TO HAVE THE CHARACTERISTICS OF:

LONG NATIONAL INDEPENDENCE

I'S WITH + SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 9

04 NON-COMPETITIVE POLITICAL SYSTEM,ABOVE
-.77
08 RECENT NATIONAL INDEPENDENCE,ABOVE
-.81

THESE I'S ARE:

VARIABLE NUMBER 9

23 CONGO (LEO)
2.18
92 SPAIN
1.98
70 MOROCCO
1.83
83 POLAND
1.45
85 ROMANIA
1.30
58 NORTH KOREA
1.09
82 PHILIPPINES
.93
48 INDONESIA
.72

97 THAILAND

.64

113 YUGOSLAVIA

.55

17 CEYLON

.52

49 IRAN

.47

20 CHINA, PR

.42

120 TANZANIA

.30

110 NORTH VIETNAM

.17

76 NIGERIA

.15

35 FRANCE

.08

125 GUYANA

.04

33 ETHIOPIA

.04

THEY TEND TO HAVE THE CHARACTERISTICS OF:

NON-COMPETITIVE POLITICAL SYSTEMS, LARGE HEALTH EXPENDITURES AS PERCENT

OF GNP

I'S WITH - SCORES ON THE FACTOR DIMENSION TEND TO EXPORT HIGH COOPERATION TO J'S WITH THE CHARACTERISTICS, RELATIVE TO I, OF:

VARIABLE NUMBER 9

04 NON-COMPETITIVE POLITICAL SYSTEM,BELOW
-.77

08 RECENT NATIONAL INDEPENDENCE,BELOW
-.81

THESE I'S ARE:

104 U.A.R.
-.09

93 SUDAN
-.11

38 WEST GERMANY
-.14

103 U.S.S.R
-.17

126 MALAYSIA
-.20

53 ITALY
-.26

65 MALAGASY REP

-.40

68 MEXICO

-.46

59 SOUTH KOREA

-.46

122 KENYA

-.50

47 INDIA

-.64

56 JAPAN

-.67

111 SOUTH VIETNAM

-.69

9 BRAZIL

-.82

100 TUNISIA

-.92

78 PAKISTAN

-1.02

91 SOUTH AFRICA

-1.32

21 COLOMBIA

-1.70

101 TURKEY

-1.83

4 ARGENTINA

-2.47

THEY TEND TO HAVE THE CHARACTERISTICS OF :

COMPETITIVE POLITICAL SYSTEMS, SMALL HEALTH EXPENDITURES AS PERCENT

OF GNP